

140 Product Registration

Functional Group=WA

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

Notes:

- 1/20 BGN02 is used as the initial reference identifier for this transaction. BGN03 defines the date of this registration transaction. Normally BGN04 and BGN05 would not be used in this transaction. BGN01 is normally set to 00 to indicate that this is an original registration. Product registration is normally a by-product of a sale.
- 1/30 The N9 segment can provide a reference to a previous registration transaction. For example, this could be a replacement of a previous registration transaction.
- 1/40L The N1 loop defines the party submitting the product registration, usually the seller of the product rather than the customer, and the party who maintains the registration database, usually the manufacturer of the product. The N1 loop also can be used to specify the product's distributor.
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- 2/10L Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.
- 2/10 Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.
- 2/15 The REF segment is used to identify the individual registration number. It can include the data element 128, code value Q8, "Registration Number."
- 2/20L The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration. An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.
- 2/20 The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration. An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.
- 2/60 The PER segment is used to provide an individual's or department's name for a particular support function and, if desired, their communication number for a phone, electronic mail, etc.
- 2/80 The REF segment could be used to identify the item into or onto which this product being warranted will be residing. For example, when a controller is attached to a numerically controlled machine tool, part of the registration could include information about the machine tool. The machine tool could be identified with multiple occurrences of the REF segment. A similar situation would be if an engine were being replaced in a heavy duty truck. The REF segment could then be used to specify the vehicle.
- 2/90L There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.
- 2/90 There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.
- 2/100 The PID segment can be used to provide additional information regarding the product. However, it seldom will be required. When it is used, PID06, data element 752, is not required.
- 2/110 The QTY segment is used to reflect the quantity of items that do not have a serial number. QTY01 will have a discrete quantity qualifier of 01. For all items with a serial number, the value to be used is either explicitly or implicitly set to one.
- 2/120 The DTM segment in the LIN loop can be used to specify the dates that are significant to the registration such as delivery, installation, placed in service, failed, brought in for service, etc.
- 2/130 The REF segment can identify information about the product that was not able to be coded in the preceding segments. For example, it can be used to specify the warranty coverage code and the warranty registration number.
- 2/140L The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.
- 2/140 The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.
- 2/180 The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.
- 2/190L The PSC loop in the LIN loop refers to the warranty or service contract for the entire product described by the LIN segment. If special operating conditions that could affect the registration are to be noted, such as a household product being used commercially, this would be placed in the PSC segment. Unless noted to the contrary, it will be assumed that the product will be used in its most normal capacity. For example, a kitchen appliance, unless specifically stated to the contrary, will be assumed to be used within a household. The PSC loop also may be used when a for fee registration is being specified, such as an extended

warranty or service contract. The PSC segment also may be used without the other segments in the loop to describe conditions of a standard, free warranty registration. The PSC segment is used to specify the period for the warranty or service contract. There may be other measures of service life of a product such as operation counter, an odometer to measure mileage of a vehicle, or a clock that measures operational hours.

- 2/190 The PSC loop in the LIN loop refers to the warranty or service contract for the entire product described by the LIN segment. If special operating conditions that could affect the registration are to be noted, such as a household product being used commercially, this would be placed in the PSC segment. Unless noted to the contrary, it will be assumed that the product will be used in its most normal capacity. For example, a kitchen appliance, unless specifically stated to the contrary, will be assumed to be used within a household. The PSC loop also may be used when a for fee registration is being specified, such as an extended warranty or service contract. The PSC segment also may be used without the other segments in the loop to describe conditions of a standard, free warranty registration. The PSC segment is used to specify the period for the warranty or service contract. There may be other measures of service life of a product such as operation counter, an odometer to measure mileage of a vehicle, or a clock that measures operational hours.
- 2/200 The SSS special service segment is used in conjunction with the PSC segment to add any extra services to be specified within the service contract. For example, there may be a clause for 24 hour service or a guaranteed service response of no more than so many hours.
- 2/210 The repeated use of the AMT segment within the PSC loop allows the total amount of the contract to be specified as well as any special conditions on the amount.
- 2/220 The CUR segment is only required when the service contract is to be paid across national boundaries.
- 2/230 The ITA segment would be used in those special cases where the normal service contract cost does not apply. For example, in fleet sales, the product and its service contract may be bought from a local dealer, but because one purchaser buys many of them from several dealers spread across a geographic area, they get a discount or extra service on the purchase.
- 2/240 The TXI, Tax Information segment, can be used to list the sales tax paid on a service contract. Also it identifies the taxing authority.
- 2/250 The ITD segment is to be used in the case where the service contract is to be paid at regular intervals over the life of the contract. For example, the payments might be monthly or quarterly.
- 2/260 The N9 segment within the PSC loop can contain a unique code identifying the terms of the service contract. For example, repair order number or contract number as preassigned by the product's manufacturer. It also can be used to record the customer's method of payment for a service contract. It then would be used to contain the check number or charge card number. The expiration date on the charge card does not need to be recorded as the computer program entering the transaction only has to check that the card has not expired. N903 will be able to contain the name of the issuer of the card.
- 2/270L The SLN loop is used to describe subassemblies or parts within an assembly that may be covered by separate warranty conditions. A pair of data elements 234 and 235 in the SLN segment will be used to contain the serial number, lot number, model number, etc. of the subassembly being registered. All the loops and segments within the SLN loop perform the same functions for the subassemblies as their counterparts above did for the product.
- 2/270 The SLN loop is used to describe subassemblies or parts within an assembly that may be covered by separate warranty conditions. A pair of data elements 234 and 235 in the SLN segment will be used to contain the serial number, lot number, model number, etc. of the subassembly being registered. All the loops and segments within the SLN loop perform the same functions for the subassemblies as their counterparts above did for the product.
- 2/320L The N1 loop within the SLN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale. However, the assembly whose information is in the N1 loop is part of the product specified in the SLN loop.
- 2/320 The N1 loop within the SLN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale. However, the assembly whose information is in the N1 loop is part of the product specified in the SLN loop.
- 2/360 The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.

Federal Note:

1. Organizations use this transaction set to report events regarding the custody or status of small arms, inquire into the custody or status of small arms, reconcile small arms data records, reject small arms reconciliation reports, follow up on unacknowledged rejections, and respond to rejections of small arms reconciliation reports.
2. Use one occurrence of this transaction set to transmit single or multiple transactions of the same type.
3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Use a single occurrence of this transaction set to transmit small arms information to one or more organizations.
2. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at <http://www.dla.mil/j-6/dlms>.
3. This DLMS Supplement contains:
 - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.
 - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
10	ST	Transaction Set Header	M	1			Must use
20	BGN	Beginning Segment	M	1		N1/20	Must use
* 30	N9	Reference Identification	O	>1		N1/30	Not used
LOOP ID - N1					3	N1/40L	
40	N1	Name	M	1		N1/40	Must use
* 50	N2	Additional Name Information	O	2			
* 60	N3	Address Information	O	3			
* 70	N4	Geographic Location	O	1			
* 80	REF	Reference Identification	O	2			
90	PER	Administrative Communications Contact	O	2			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LX					>1	N2/10L	
10	LX	Assigned Number	M	1		N2/10	Must use
15	REF	Reference Identification	O	>1		N2/15	Used
LOOP ID - N1					>1	N2/20L	
20	N1	Name	M	1		N2/20	Must use
* 30	N2	Additional Name Information	O	2			
* 40	N3	Address Information	O	3			
* 50	N4	Geographic Location	O	1			
* 60	PER	Administrative Communications Contact	O	>1		N2/60	
* 70	DTM	Date/Time Reference	O	1			
* 80	REF	Reference Identification	O	>1		N2/80	
LOOP ID - LM					>1		
86	LM	Code Source Information	O	1			Used
87	LQ	Industry Code	M	100			Must use
LOOP ID - LIN					>1	N2/90L	
90	LIN	Item Identification	M	1		N2/90	Must use
* 100	PID	Product/Item Description	O	>1		N2/100	
* 110	QTY	Quantity	O	1		N2/110	
120	DTM	Date/Time Reference	O	>1		N2/120	Used
130	REF	Reference Identification	O	>1		N2/130	Used
LOOP ID - N1					>1	N2/140L	
140	N1	Name	O	1		N2/140	Used
* 150	N2	Additional Name Information	O	2			
* 160	N3	Address Information	O	3			
* 170	N4	Geographic Location	O	1			
* 180	PER	Administrative Communications Contact	O	>1		N2/180	
* LOOP ID - PSC					>1	N2/190L	
* 190	PSC	Product Service Contract	O	1		N2/190	
* 200	SSS	Special Services	O	>1		N2/200	
* 210	AMT	Monetary Amount	O	>1		N2/210	
* 220	CUR	Currency	O	1		N2/220	
* 230	ITA	Allowance, Charge or Service	O	1		N2/230	
* 240	TXI	Tax Information	O	1		N2/240	
* 250	ITD	Terms of Sale/Deferred Terms of Sale	O	1		N2/250	
* 260	N9	Reference Identification	O	>1		N2/260	
* LOOP ID - SLN					>1	N2/270L	
* 270	SLN	Subline Item Detail	O	1		N2/270	
* 280	PID	Product/Item Description	O	>1			
* 290	QTY	Quantity	O	1			
* 300	DTM	Date/Time Reference	O	>1			
* 310	REF	Reference Identification	O	>1			

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* LOOP ID - N1					<u>≥1</u>	<u>N2/320L</u>	
* 320	N1	Name	O	1		N2/320	
* 330	N2	Additional Name Information	O	2			
* 340	N3	Address Information	O	3			
* 350	N4	Geographic Location	O	1			
* 360	PER	Administrative Communications Contact	O	>1		N2/360	
* LOOP ID - PSC					<u>≥1</u>		
* 370	PSC	Product Service Contract	O	1			
* 380	SSS	Special Services	O	>1			
* 390	AMT	Monetary Amount	O	>1			
* 400	CUR	Currency	O	1			
* 410	ITA	Allowance, Charge or Service	O	1			
* 420	TXI	Tax Information	O	1			
* 430	ITD	Terms of Sale/Deferred Terms of Sale	O	1			
* 440	N9	Reference Identification	O	>1			
LOOP ID - LM					<u>≥1</u>		
450	LM	Code Source Information	O	1			Used
460	LQ	Industry Code	M	100			Must use
470	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 10Max: 1

Heading - Mandatory

Loop: N/AElements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set Code Name 140 Product Registration	M	ID	3/3	Must use	1
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M	AN	4/9	Must use	1

BGN Beginning Segment

Pos: 20	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

To indicate the beginning of a transaction set

Syntax:

1. C0504 - If BGN05 is present, then all of BGN04 are required

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep						
BGN01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i> <table><tr><th>Code</th><th>Name</th></tr><tr><td>00</td><td>Original</td></tr><tr><td>77</td><td>Simulation Exercise</td></tr></table> DLMS Note: <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transaction do not process as action documents which affect accountable records.</i>	Code	Name	00	Original	77	Simulation Exercise	M	ID	2/2	Must use	1
Code	Name												
00	Original												
77	Simulation Exercise												
BGN02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Federal Note: <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M	AN	1/30	Must use	1						
BGN03	373	Date Description: Date expressed as CCYYMMDD Federal Note: <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M	DT	8/8	Must use	1						
BGN04	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Federal Note: <i>1. Express the originating activity's time in UTC.</i> <i>2. Express time in four position (HHMM) format.</i>	X	TM	4/8	Must use	1						
BGN07	640	Transaction Type Code Description: Code specifying the type of transaction <table><tr><th>Code</th><th>Name</th></tr><tr><td>W4</td><td>Weapons Control Report</td></tr></table> DLMS Note: <i>Use when the transaction set contains a small arms report. Use with BGN08, code T, when the transaction set contains a small arms report inquiry.</i> <table><tr><td>W5</td><td>Weapons Control Report Reconciliation</td></tr></table>	Code	Name	W4	Weapons Control Report	W5	Weapons Control Report Reconciliation	O	ID	2/2	Must use	1
Code	Name												
W4	Weapons Control Report												
W5	Weapons Control Report Reconciliation												

BGN08	306	<u>Code</u>	<u>Name</u>					
		DLMS Note:						
		<i>Use when the transaction set contains a small arms reconciliation report.</i>						
		<i>Use as follows:</i>						
		<i>as an original reconciliation report; or as a rejection of a reconciliation report (use with BGN08 code U); or as a correction to a previously submitted report which was rejected by the receiving registry.</i>						
		Action Code		O	ID	1/2	Used	1
		Description: Code indicating type of action						
		<u>Code</u>	<u>Name</u>					
		T	Status Query					
		DLMS Note:						
<i>Use in conjunction with BGN07, code W4, when the transaction set contains a small arms report inquiry.</i>								
U	Reject							
DLMS Note:								
<i>Use in conjunction with BGN07 code W5 when the transaction set contains a rejection of a small arms reconciliation report.</i>								
AC	Acknowledge							
DLMS Note:								
<i>Use to identify the resubmission of a reject transaction for which a response is not received within the allotted time frame. When using, cite code W5 in BGN07.</i>								

N1 Name

Pos: 40	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:*Must use this 1/N1/040 to identify the organization originating the transaction set.***Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Federal Note: 1. Use only one of the following codes. 2. Following is a list of preferred codes. DLMS Note: For DLMS use, only the following codes are authorized.	M	ID	2/3	Must use	1
		Code Name B6 Registering Parent Party DLMS Note: Use to identify the central registry. KK Registering Party DLMS Note: Use to identify the component registry. RL Reporting Location DLMS Note: Use to identify the reporting activity. SF Ship From DLMS Note: Use in small arms reports of receipt to identify the activity which shipped small arms. ST Ship To DLMS Note: Use in small arms reports of shipment or inquiries about small arms reports of shipment to identify the ship-to organization.					
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X	ID	1/2	Must use	1
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use	1
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Federal Note: Must use with the appropriate 1/N101/040 code to indicate the organization is originating the transaction set.	O	ID	2/3	Must use	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<u>Code</u>	<u>Name</u>					
		FR	Message From					
Federal Note: <i>Must use with the appropriate 1/N101/040 code to indicate the organizations cited in N104 is originating the transaction set.</i>								

PER Administrative Communications Contact

Pos: 90Max: 2

Heading - Optional

Loop: N1Elements: 8

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

- Syntax:
- 1. P0304 - If either PER03,PER04 is present, then all are required
 - 2. P0506 - If either PER05,PER06 is present, then all are required
 - 3. P0708 - If either PER07,PER08 is present, then all are required

Federal Note:

1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use to identify a POC and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named Code Name IC Information Contact Federal Note: Must use in the first repetition to identify the primary point of contact (POC) and their primary communication number.	M	ID	2/2	Must use	1
PER02	93	Name Description: Free-form name Federal Note: Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NM1 when a middle initial is not available.	O	AN	1/60	Must use	1
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number Federal Note: 1. Use to identify the preferred method of communications in PER03/04. Use PER05/06 and PER07/08 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers. 2. Do not include blank spaces or dashes between numbers. Code Name AU Defense Switched Network EM Electronic Mail FX Facsimile IT International Telephone Federal Note: Include country and city code. TE Telephone TL Telex TX TWX	X	ID	2/2	Must use	1
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Must use	1
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number	X	ID	2/2	Used	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		Federal Note: 1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01. 2. Do not include blank spaces or dashes between numbers.					
		Code Name AU Defense Switched Network EM Electronic Mail EX Telephone Extension Federal Note: Use immediately following code AU, IT, or TE to identify telephone extension. FX Facsimile IT International Telephone Federal Note: Include country and city code. TE Telephone TL Telex TX TWX					
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Used	1
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number Federal Note: 1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01. 2. Do not include blank spaces or dashes between numbers.	X	ID	2/2	Used	1
		Code Name AU Defense Switched Network EM Electronic Mail EX Telephone Extension Federal Note: Use immediately following code AU, IT, or TE to identify telephone extension. FX Facsimile IT International Telephone Federal Note: Include country and city code. TE Telephone TL Telex TX TWX					
PER08	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Used	1

LXAssigned Number

Pos: 10

Max: 1

Detail - Mandatory

Loop: LX

Elements: 1

User Option (Usage): Must use

To reference a line number in a transaction set

Federal Note:

Must use as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LX01	554	Assigned Number	M	N0	1/6	Must use	1
		Description: Number assigned for differentiation within a transaction set					
		Federal Note: In the first 2/LX/010 loop iteration cite numeric 1. In each subsequent loop iteration increase incrementally by 1.					

REF Reference Identification

Pos: 15	Max: >1
Detail - Optional	
Loop: LX	Elements: 3

User Option (Usage): Used

To specify identifying information

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Must use to identify the transaction number and suffix associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification Code Name TN Transaction Reference Number	M	ID	2/3	Must use	1
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Must use	1
REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier Syntax: 1. P0304 - If either C04003,C04004 is present, then all are required 2. P0506 - If either C04005,C04006 is present, then all are required	O	Comp		Used	1
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification Code Name W8 Suffix DLMS Note: <i>Use with code TN to identify the transaction number suffix.</i>	M	ID	2/3	Must use	1
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Must use	1

N1 Name

Pos: 20	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		Code Name					
		B6 Registering Parent Party DLMS Note: <i>Use to identify the central registry.</i>					
		KK Registering Party DLMS Note: <i>Use to identify the component registry.</i>					
		QD Responsible Party DLMS Note: <i>Use to identify the accountable organization responsible for the small arms. Identify the organization that last possessed the small arms when transmitting small arms reports of shipment. Identify the new accountable organization when changing or correcting the accountable activity.</i>					
		RL Reporting Location DLMS Note: <i>Use to identify reporting activity when different from accountable activity.</i>					
		SF Ship From DLMS Note: <i>Use in small arms reports of receipt to identify the activity which shipped small arms.</i>					
		ST Ship To DLMS Note: <i>Use in small arms reports of shipment or inquiries about small arms reports of shipment to identify the ship-to organization.</i>					
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X	ID	1/2	Must use	1
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use	1
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name TO Message To Federal Note:	O	ID	2/3	Used	1

Code **Name**

Use with the appropriate 2/N101/020 codes to indicate the organizations cited in N104 are receiving the transaction.

LM

Code Source Information

Pos: 86

Max: 1

Detail - Optional

Loop: LM

Elements: 2

User Option (Usage): Used

To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use the 2/LM/086 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
		Description: Code identifying the agency assigning the code values					
		Code Name					
		DF Department of Defense (DoD)					
LM02	822	Source Subqualifier	O	AN	1/15	Used	1
		Description: A reference that indicates the table or text maintained by the Source Qualifier					

LQ Industry Code

Pos: 87	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use

Code to transmit standard industry codes

Syntax:

1. C0102 - If LQ01 is present, then all of LQ02 are required

Federal Note:*Use to identify codes consistent with management information requirements.***Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																																								
LQ01	1270	Code List Qualifier Code Description: Code identifying a specific industry code list Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i> <table><tr><th>Code</th><th>Name</th></tr><tr><td>0</td><td>Document Identification Code</td></tr><tr><td>79</td><td>Priority Designator Code</td></tr><tr><td colspan="2">DLMS Note: <i>Recommend using in all requisitions.</i></td></tr><tr><td>A9</td><td>Supplemental Data</td></tr><tr><td colspan="2">DLMS Note: <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 3c</i></td></tr><tr><td>AJ</td><td>Utilization Code</td></tr><tr><td colspan="2">DLMS Note: <i>1. Under DLSS, this is the first position of the document serial number.</i> <i>2. DLMS enhancement; see introductory DLMS note 3a.</i></td></tr><tr><td>AL</td><td>Special Requirements Code</td></tr><tr><td colspan="2">Federal Note: <i>Use to identify the precedence, special handling, and processing requirements.</i> DLMS Note: <i>1. Under DLSS, this is carried in the required delivery date field.</i> <i>2. DLMS enhancement; see introductory DLMS note 3a.</i></td></tr><tr><td>EW</td><td>Small Arms Error Transaction Reject Code</td></tr><tr><td>EX</td><td>Small Arms Transaction Code</td></tr><tr><td>COG</td><td>Cognizance Symbol</td></tr><tr><td colspan="2">DLMS Note: <i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></td></tr><tr><td>IMC</td><td>Item Management Code</td></tr><tr><td colspan="2">DLMS Note: <i>Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></td></tr><tr><td>MCC</td><td>Material Control Code</td></tr><tr><td colspan="2">DLMS Note: <i>Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></td></tr><tr><td>SMI</td><td>Special Material Identification Code</td></tr><tr><td colspan="2">DLMS Note: <i>Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></td></tr></table>	Code	Name	0	Document Identification Code	79	Priority Designator Code	DLMS Note: <i>Recommend using in all requisitions.</i>		A9	Supplemental Data	DLMS Note: <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 3c</i>		AJ	Utilization Code	DLMS Note: <i>1. Under DLSS, this is the first position of the document serial number.</i> <i>2. DLMS enhancement; see introductory DLMS note 3a.</i>		AL	Special Requirements Code	Federal Note: <i>Use to identify the precedence, special handling, and processing requirements.</i> DLMS Note: <i>1. Under DLSS, this is carried in the required delivery date field.</i> <i>2. DLMS enhancement; see introductory DLMS note 3a.</i>		EW	Small Arms Error Transaction Reject Code	EX	Small Arms Transaction Code	COG	Cognizance Symbol	DLMS Note: <i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>		IMC	Item Management Code	DLMS Note: <i>Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>		MCC	Material Control Code	DLMS Note: <i>Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>		SMI	Special Material Identification Code	DLMS Note: <i>Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>		O	ID	1/3	Must use	1
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LQ02	1271	Industry Code Description: Code indicating a code from a	X	AN	1/30	Must use	1																																								

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		specific industry code list					

LINItem Identification

Pos: 90

Max: 1

Detail - Mandatory

Loop: LIN

Elements: 4

User Option (Usage): Must use

To specify basic item identification data

- Syntax:
- 1. P0405 - If either LIN04,LIN05 is present, then all are required
 - 2. P0607 - If either LIN06,LIN07 is present, then all are required
 - 3. P0809 - If either LIN08,LIN09 is present, then all are required
 - 4. P1011 - If either LIN10,LIN11 is present, then all are required
 - 5. P1213 - If either LIN12,LIN13 is present, then all are required
 - 6. P1415 - If either LIN14,LIN15 is present, then all are required
 - 7. P1617 - If either LIN16,LIN17 is present, then all are required
 - 8. P1819 - If either LIN18,LIN19 is present, then all are required
 - 9. P2021 - If either LIN20,LIN21 is present, then all are required
 - 10. P2223 - If either LIN22,LIN23 is present, then all are required
 - 11. P2425 - If either LIN24,LIN25 is present, then all are required
 - 12. P2627 - If either LIN26,LIN27 is present, then all are required
 - 13. P2829 - If either LIN28,LIN29 is present, then all are required
 - 14. P3031 - If either LIN30,LIN31 is present, then all are required

- Semantics:
- 1. LIN01 is the line item identification

- Comments:
- 1. See the Data Dictionary for a complete list of IDs.
 - 2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:

Must use this 2/LIN/090 loop to identify the material unique item identifier (UII) data and date information on small arms.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
Federal Note: <i>Following is a list of preferred codes.</i>							
DLMS Note: <i>1. Use only one of codes A3, AN, FS, or MG to identify the small arms item. Must use National Stock Number (NSN) when known.</i>							
<i>2. For DLMS use. only the following codes are authorized.</i>							
<u>Code</u> <u>Name</u>							
A3		Locally Assigned Control Number					
DLMS Note: <i>Use to identify the local control number (LCN).</i>							
AN		Asset Number					
DLMS Note: <i>Use to identify the management control number (MCN).</i>							
F4		Series Identifier					
DLMS Note: <i>Use to identify the manufacturer's series number of the end item.</i>							
FS		National Stock Number					
MG		Manufacturer's Part Number					
MN		Model Number					
DLMS Note: <i>Use to identify the manufacturer's model number of the end item.</i>							
SN		Serial Number					

		<u>Code</u>	<u>Name</u>				
		DLMS Note: Use to identify the manufacturer's serial number of the end item.					
LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<u>Code</u>	<u>Name</u>				
		ZB	Commercial and Government Entity (CAGE) Code				
		DLMS Note: Use with LIN02 code MG to uniquely identify the manufacturer's part number.					
LIN05	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					

DTM

Date/Time Reference

Pos: 120

Max: >1

Detail - Optional

Loop: LIN

Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

- Syntax:
- 1. R020305 - At least one of DTM02,DTM03,DTM05 is required
 - 2. C0403 - If DTM04 is present, then all of DTM03 are required
 - 3. P0506 - If either DTM05,DTM06 is present, then all are required

Federal Note:

Use to identify dates associated with small arms shipment and receipt inquiries.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1
Description: Code specifying type of date or time, or both date and time							
Code Name							
011 Shipped							
DLMS Note:							
Use to indicate the small arms shipment date.							
050 Received							
DLMS Note:							
Use to indicate the small arms receipt date.							
097 Transaction Creation							
DLMS Note:							
Use to indicate the date of transaction preparation.							
598 Rejected							
DLMS Note:							
Use to indicate the date of transaction rejection.							
DTM02	373	Date	X	DT	8/8	Must use	1
Description: Date expressed as CCYYMMDD							

REF

Reference Identification

Pos: 130	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

To specify identifying information

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Must use at least one repetition to identify small arms UII data.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep				
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification <table><tr><th>Code</th><th>Name</th></tr><tr><td>SE</td><td>Serial Number</td></tr></table> <div>DLMS Note: Use to identify the UII.</div>	Code	Name	SE	Serial Number	M	ID	2/3	Must use	1
Code	Name										
SE	Serial Number										
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Must use	1				

N1Name

Pos: 140

Max: 1

Detail - Optional

Loop: N1

Elements: 3

User Option (Usage): Used

To identify a party by type of organization, name, and code

Syntax:

- 1. R0203 - At least one of N102,N103 is required
- 2. P0304 - If either N103,N104 is present, then all are required

Comments:

- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2. N105 and N106 further define the type of entity in N101.

Federal Note:

Use to identify the small arms manufacturer if duplicate UIIs are assigned to the same item identified in 2/LIN/090.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name MF Manufacturer of Goods	M	ID	2/3	Must use	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 33 Commercial and Government Entity (CAGE)	X	ID	1/2	Must use	1
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use	1

LM

Code Source Information

Pos: 450

Max: 1

Detail - Optional

Loop: LM

Elements: 1

User Option (Usage): Used

To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

1. Use the 2/LM/450 loop to identify coded information maintained in department agency documentation.

2. Use the 2/LM/450 loop for reject reports and resubmissions, but only when the reject code varies among ULLs reported for the small arms item.

3. Use only one iteration of the 2/LM/450 loop for each iteration of the 2/LIN/090 loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
Code Name							
DF Department of Defense (DoD)							

LQ Industry Code

Pos: 460

Max: 100

Detail - Mandatory

Loop: LM

Elements: 2

User Option (Usage): Must use

Code to transmit standard industry codes

Syntax:

1. C0102 - If LQ01 is present, then all of LQ02 are required

Federal Note:

1. Use to identify codes, as appropriate, consistent with management information requirements.

2. Use only one repetition for each iteration of the 2/LIN/090 loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	<div><div>Code List Qualifier Code</div><div>Description: Code identifying a specific industry code list</div><div>Federal Note: Following is a list of preferred codes.</div><div>DLMS Note: For DLMS use, only the following codes are authorized.</div><div><div><div>Code</div><div>Name</div></div><div><div>79</div><div>Priority Designator Code</div><div>DLMS Note: Recommend using in all requisitions.</div></div><div><div>A9</div><div>Supplemental Data</div><div>DLMS Note: 1. Use to identify supplemental address/data. 2. Future streamlined data; see introductory DLMS note 3c.</div></div><div><div>AJ</div><div>Utilization Code</div><div>DLMS Note: 1. Under DLSS, this is the first position of the document serial number. 2. DLMS enhancement; see introductory DLMS note 3a.</div></div><div><div>AL</div><div>Special Requirements Code</div><div>Federal Note: Use to identify the precedence, special handling, and processing requirements. DLMS Note: 1. Under DLSS, this is carried in the required delivery date field. 2. DLMS enhancement; see introductory DLMS note 3a.</div></div><div><div>EW</div><div>Small Arms Error Transaction Reject Code</div></div></div></div>	O	ID	1/3	Must use	1
LQ02	1271	<div><div>Industry Code</div><div>Description: Code indicating a code from a specific industry code list</div></div>	X	AN	1/30	Must use	1

SETransaction Set Trailer

Pos: 470

Max: 1

Detail - Mandatory

Loop: N/A

Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Federal Note: Cite the same number as the one cited in ST02.	M	AN	4/9	Must use	1

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Industry Code **17**

Item Identification **19**

Date/Time Reference **21**

Reference Identification **22**

Name **23**

Code Source Information **24**

Industry Code **25**

Transaction Set Trailer **26**